

Advisory - Behavioral Changes Specific to FOCUS Version 7.2

This document was created to serve as a list of behavioral changes specific to FOCUS Version 7.2. We are attempting to list the major 'gotchas' that would be experienced when upgrading from an earlier FOCUS release. This list, which is broken down by platform and functional area, is not an exhaustive list. Instead it should be used as part of the testing and review process when accepting a new release of FOCUS.

This list doesn't serve as a replacement for our READMEF documentation that ships with our tapes.

| CMS | MVS | Functional Area | Description |
|-----|-----|-----------------|---|
| X | X | Master Parser | The setting of MASTER has been changed to NEW instead of OLD. Please note that setting MASTER to OLD is not valid and therefore not supported. |
| X | X | Master Parser | The master parser now requires that all keywords be specified in the master file with the exception of field name declarations. Field name declarations may omit keywords and have just values specified. |
| X | X | Installation | LINREC and DATREC are now 32K by default and should not be changed during installation. The installation step provided in prior releases, which explained how to change these values, has been intentionally omitted from this release. |
| X | X | Table | The output message from an ON TABLE SAVE request has been changed to read "ALPHANUMERIC" instead of "EBCIDIC". |
| X | X | Julian Dates | Incorporating YMD with JUL date used to ignore those options and just give JUL date. Starting in this release, FOCUS does not recognize this as a system variable and will prompt for a value. |
| X | X | Table | The setting for SAVEMATRIX has been changed to OFF by default. |

FOCUS Version 7.2

| CMS | MVS | Functional Area | Description |
|-----|-----|-----------------|--|
| X | X | Tiles | <p>The CONTROL OPTIONS for BY statement, ON statement and IN-GROUPS-OF n TILES is not working. At the control level the tilefield is not controlled.</p> <p>Example: BY fieldname SUBHEAD or ON fieldname UNDER-LINE.</p> <p>The TILE values are not correct.</p> |
| | X | Fusion | <p>Unlike in a FOCUS MVS environment, where the ddnames and datasets describing the FOCUS database must be allocated in the JCL or clist, Fusion databases are allocated through the Fusion Access File or DATASET attribute of the Fusion Master File. There is no need to list the Fusion database file in the JCL or clist.</p> |
| | X | Fusion | <p>HOLD FORMAT FOCUS creates a temporary database file unless previously allocated, HOLD FORMAT FUSION creates a permanent database file.</p> |
| X | X | Fusion | <p>Since Fusion databases are geared for high-performance reporting and not transaction processing, they cannot be used on an SU machine like FOCUS databases can.</p> |
| X | X | Modify | <p>If a MODIFY is executed against a database whose master file attempts to define a TX field as a key (i.e. first field in an S1 segment), a FOC701 error will occur which states that a TX field cannot be a key.</p> |
| X | X | Table | <p>Multiple FOLD-LINES are now allowed in a single request. The FOC095 error message will no longer appear.</p> |
| X | | Use | <p>The “? USE” output with an 8-character file name will no longer contain a space between the file name and the file type, for example “CAR12345FOCUS”.</p> |

| CMS | MVS | Functional Area | Description |
|-----|-----|----------------------|---|
| X | X | Join | If a JOIN is defined as one-to-one, but the relationship in the database is actually one-to-many, the resulting JOIN will be to the first instance in the cross-referenced file. In prior releases, the JOIN was to the last instance in the cross-referenced file. |
| | X | Language Environment | The Language Environment has been enhanced to load the required libraries for LE-C and LE-COBOL upon entering FOCUS. If LE-PL/I is required, then SET IBMLE = ON must be issued, and if LE-FORTRAN is required, then SET IBMLE = ALL must be issued. The required libraries will be loaded at the time the set is issued. |
| X | | Language Environment | Since the Language Environment is available by default, non-LE PL/I programs will result in an 0C1 abend upon FIN from CMS FOCUS unless they are re-linked with the LE libraries, thus making them LE. This can be done without recompiling the source code, if it is not available, by pointing the linker input to the current program module. The linker will extract what it needs from the module and create a new module with the LE libraries linked in. |
| X | | HOLD | HOLDing a file whose ASNAME is greater than 8 characters will result in a FOC348 error instead of truncating the name to 8 characters. |
| X | | Data Adapters | <p>When using relational data adapters with Focus under CMS, commands prefixed with the CMS environment keyword have changed. For example:</p> <p style="text-align: center;">CMS sqlengine SET ...</p> <p>will result in the following error:</p> <p style="text-align: center;">(FOC671) UNKNOWN CMS COMMAND: SQLORA</p> <p>The new format for the commands, must be of the form:</p> <p style="text-align: center;">CMS SQL sqlengine SET...</p> <p>where it is now necessary to specify SQL prior to the sqlengine value.</p> |

FOCUS Version 7.2

| CMS | MVS | Functional Area | Description |
|-----|-----|---------------------|---|
| X | X | Oracle Data Adapter | <p>The Oracle data adapter SET USER command syntax has changed:</p> <p>In the past the Oracle set user command was of the form:</p> <p>CMS/TSO SQLORA SET USER userid/password</p> <p>As of Focus 7.2, the new form is:</p> <p>CMS/TSO SQL SQLORA SET USER /userid,password</p> |
| X | X | Data Adapters | <p>The tracing facility for Data Adapters has changed. Please refer to Tech Memo TM7989 for details.</p> |